

METALLIC

**SMOOTHEN YOUR DRIVING
EXPERIENCE WITH OUR
OPTIMIZED REDUCTION RATIO
AND MOTION CONTROL**

Through our Gear Range



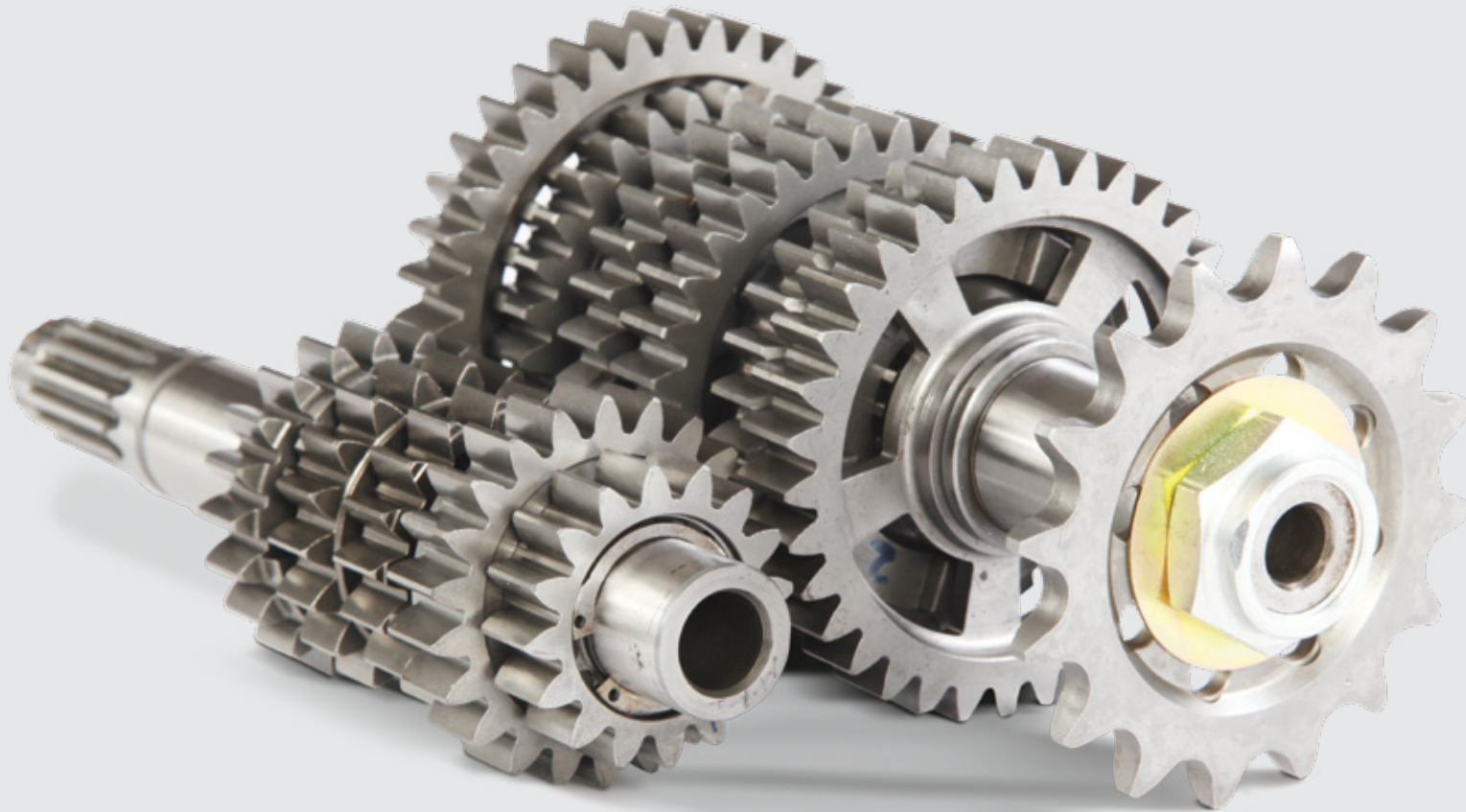
PERFORM@CHANGE



SMOOTH. RELIABLE.
EFFICIENT.

INTRODUCING OUR
RANGE OF GEARS

Our comprehensive Transmission Component Gear Range Portfolio, is meticulously engineered to elevate vehicle's performance. With a focus on reliability and precision, this range ensures smooth operation and enhanced driving experience. Explore our collection and unlock the full potential of your transmission system with confidence and precision.



GEAR 1ST WHEEL



Maneuver the Vehicle per Driving Condition



PRODUCT DESCRIPTION

Engineered with the highest reduction ratio, it effortlessly propels your vehicle from a static condition into motion, while delivering peak torque at the lowest speeds for optimal performance and control.

FEATURES

Toothed wheel that engages another toothed wheel in order to get the vehicle moving from standstill condition.

Raw Material is Low carbon Alloy Steel, Forged & Machined.

TECHNICAL SPECIFICATIONS

Heat treatment with Carburizing, Quenching & Tempering to get extended life.

GEAR 2ND WHEEL



Maneuver the Vehicle per Driving Condition



PRODUCT DESCRIPTION

Engineered with the highest reduction ratio, it facilitates smooth vehicle motion from static conditions, coupled with high torque delivery at low speeds for enhanced performance and manoeuvrability.

FEATURES

Toothed wheel that engages another toothed wheel in order to get the vehicle moving from standstill condition.

Raw Material is Low carbon Alloy Steel, Forged & Machined.

TECHNICAL SPECIFICATIONS

Heat treatment with Carburizing, Quenching & Tempering to get extended life.



GEAR 3RD WHEEL



Maneuver the Vehicle per Driving Condition



PRODUCT DESCRIPTION

Featuring the highest reduction ratio, it swiftly enables vehicle motion from static conditions, while offering lower torque at higher speeds for seamless acceleration and optimal performance.

FEATURES

Toothed wheel that engages another toothed wheel in order to get the vehicle moving from standstill condition.

Raw Material is Low carbon Alloy Steel, Forged & Machined.

TECHNICAL SPECIFICATIONS

Heat treatment with Carburizing, Quenching & Tempering to get extended life.

GEAR 4TH WHEEL



Maneuver the Vehicle per Driving Condition



PRODUCT DESCRIPTION

Engineered with the highest reduction ratio, it efficiently initiates vehicle motion from static conditions, with optimized torque delivery for smooth acceleration and superior performance at higher speeds.

FEATURES

Toothed wheel that engages another toothed wheel in order to get the vehicle moving from standstill condition.

Raw Material is Low carbon Alloy Steel, Forged & Machined.

TECHNICAL SPECIFICATIONS

Heat treatment with Carburizing, Quenching & Tempering to get extended life.





Life Long Service till
Vehicle lasts



PRODUCT DESCRIPTION

Essential primary gears positioned at the end of drive shafts, providing crucial input drive to your transmission gearbox for seamless operation and optimal performance.

FEATURES

Material Low carbon Alloy Steel, Forged & Machined.

The teeth of the driven gear are shaped as tooth-spaces. In a transverse section, the radius of curvature of the tooth addendum of the driving gear is of a constant value, and equals to the radius of curvature of the conjugate space of the driven gear.

TECHNICAL SPECIFICATIONS

Heat treatment with Carburizing, Quenching & Tempering to get extended life.

GEAR 1ST WHEEL



Maneuver the Vehicle
per Driving Condition



PRODUCT DESCRIPTION

Engineered with the highest reduction ratio, it effortlessly enables vehicle motion from static conditions, while delivering peak torque at the lowest speeds for enhanced power and control.

FEATURES

Toothed wheel that engages another toothed wheel in order to get the vehicle moving from standstill condition.

Raw Material is Low carbon Alloy Steel, Forged & Machined.

TECHNICAL SPECIFICATIONS

Heat treatment with Carburizing, Quenching & Tempering to get extended life.

CAPABILITIES



Hot & Cold Forging Presses; 300-8000 ton



Captive Heat treatment in each facility



Gears upto 6 module, Ø325 mm, DIN 5



Heavy Forgings upto 100-120 kg



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